

LIBRARY

U R B A N D I S T R I C T

O F N O R T O N .

A N N U A L R E P O R T

of the

MEDICAL OFFICER OF HEALTH

(W. WILSON, M.B., B. Ch., B.A.O., D.P.H.)

Including

A N N U A L R E P O R T

of the

SENIOR SANITARY INSPECTOR

(P. A. Mullany, M.R.S.I., M.S.I.A.)

For the Year 1950.

N O R T O N
U R B A N D I S T R I C T C O U N C I L .

A N N U A L R E P O R T
for 1950.

Public Health Officers for the Authority.

Medical Officer of Health:

W. Wilson, M.B., B. Ch., B.A.O., D.P.H.

Senior Sanitary Inspector (and Surveyor):

P. A. Mullany, M.R.S.I., M.S.I.A.

(Commenced Duty 1.3.50).

Additional Sanitary Inspector and Meat Inspector

C. A. Dook, A.R.S.I., M.S.I.A.

(Commenced Duty 6.11.50).

Council Buildings,

Scarborough Road,

NORTON, Malton,

Yorks.

To: The Chairman and Members of the
Urban District Council of Norton.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present for your consideration my Annual Report
for the year 1950.

Mr. Mullany, whom you appointed as Sanitary Inspector and Surveyor,
took up his appointment on 1st March. Due to the large daily killing at the
Yorkshire Farmers Bacon Factory, you have found it necessary to appoint an
Additional Sanitary Inspector, whose main duties will be meat inspection. Mr.
C. A. Dook was appointed to this post and commenced on 6th November.

There have been no special circumstances adversely affecting the
health of the District during the year.

I should like to thank members of the Health Committee and the Staff
for their co-operation and assistance during the year.

I am,

Your obedient Servant,

Wm. WILSON,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	2,899.
Number of inhabited houses	1,519.
Registrar-General's estimate of population	4,680.
Rateable Value	£23,169.
Sum represented by a penny rate	£90.

VITAL STATISTICS.

Live Births	M.	F.	TOTAL.
Legitimate	28	40	68
Illegitimate	<u>4</u>	<u>1</u>	<u>5</u>
	<u>32</u>	<u>41</u>	<u>73</u>

Birth Rate	15.6 per 1,000.
Illegitimate Rate	6.85% of total births.
Still Births	2
Rate per 1,000 of the population ...	0.43.
Deaths of infants under one year ...	0.

	M.	F.	TOTAL
Deaths	22	25	47
Death rate per 1,000 ....	....	....	10.04

Comparative Table of Birth and Death Rates during the year, 1950.

	Live Births.	Still Births.	Deaths	Deaths of Children under One Year of Age Per 1,000 Registered Live Births.
	(Rates per 1,000 civilian population)			
England and Wales.	15.8	0.37	11.6	29.8
126 C.B.'s & Great Towns including London.	17.6	0.45	12.3	33.8
148 Smaller Towns	16.7	0.38	11.6	29.4
London Admin. County.	17.8	0.36	11.8	26.3

Table of Birth, Death and Infant Mortality Rates.

Norton U.D.C.

<u>Year.</u>	<u>Crude Birth Rate</u>	<u>Corrected Birth Rate</u>	<u>Crude Death Rate</u>	<u>Corrected Death Rate</u>	<u>Infant Mortality Rate</u>
1948	15.4	-	8.6	-	Nil.
1949	17.4	-	13.6	-	13
1950	15.6	16.1	10.04	8.9	Nil.

Table showing causes of death in Norton U.D.C. - 1950.

								<u>Male</u>	<u>Female</u>	<u>Total.</u>
All Causes	...	...	...	...	...	...	...	22	25	47
1.	Tuberculosis, respiratory	...	...	...	...	...	...	-	-	-
2.	Tuberculosis, other	...	...	...	...	...	...	-	-	-
3.	Syphilitic disease	...	...	...	...	...	...	-	-	-
4.	Diphtheria	...	...	...	...	...	...	-	-	-
5.	Whooping Cough	...	...	...	...	...	...	-	-	-
6.	Meningococcal infections	...	...	...	...	...	...	-	-	-
7.	Acute poliomyelitis	...	...	...	...	...	...	-	-	-
8.	Measles	...	...	...	...	...	...	-	-	-
9.	Other infective and parasitic diseases	...	...	...	...	...	...	-	-	-
10.	Malignant neoplasm, stomach	...	...	...	...	...	...	-	1	1
11.	Malignant neoplasm, lung, bronchus	...	...	...	...	...	...	4	-	4
12.	Malignant neoplasm, breast	...	...	...	...	...	...	-	-	-
13.	Malignant neoplasm, uterus	...	...	...	...	...	...	-	-	-
14.	Other malignant and lymphatic neoplasms	...	...	...	...	...	...	2	1	3
15.	Leukaemia, aleukaemia	...	...	...	...	...	...	-	-	-
16.	Diabetes	...	...	...	...	...	...	-	-	-
17.	Vascular lesions of nervous system	...	...	...	...	...	...	3	3	6
18.	Coronary disease, angina	...	...	...	...	...	...	4	3	7
19.	Hypertension with heart disease	...	...	...	...	...	...	-	-	-
20.	Other heart disease	...	...	...	...	...	...	4	8	12
21.	Other circulatory disease	...	...	...	...	...	...	1	2	3
22.	Influenza	...	...	...	...	...	...	1	-	1
23.	Pneumonia	...	...	...	...	...	...	1	3	4
24.	Bronchitis	...	...	...	...	...	...	-	-	-
25.	Other diseases of respiratory system	...	...	...	...	...	...	1	-	1
26.	Ulcer of stomach and duodenum	...	...	...	...	...	...	-	-	-
27.	Gastritis, enteritis and diarrhoea	...	...	...	...	...	...	-	-	-
28.	Nephritis and nephrosis	...	...	...	...	...	...	-	1	1
29.	Hyperplasia of prostate	...	...	...	...	...	...	1	-	1
30.	Pregnancy, childbirth, abortion	...	...	...	...	...	...	-	-	-
31.	Congenital malformations	...	...	...	...	...	...	-	-	-
32.	Other defined and ill-defined diseases	...	...	...	...	...	...	-	3	3
33.	Motor vehicle accidents	...	...	...	...	...	...	-	-	-
34.	All other accidents	...	...	...	...	...	...	-	-	-
35.	Suicide	...	...	...	...	...	...	-	-	-
36.	Homicide and operations of war	...	...	...	...	...	...	-	-	-

TABLE SHOWING AGES AND SEX
DISTRIBUTION OF DEATHS DURING 1950.

	M.	F.	Total.
Under 1 year	-	-	-
1 - 5	-	-	-
6 - 15	-	-	-
16 - 25	-	-	-
26 - 45	1	1	2
46 - 55	1	1	2
56 - 65	3	5	8
66 - 75	12	8	20
76 +	5	10	15
Totals:	22	25	47

PREVALENCE OF, AND CONTROL OVER INFECTIOUS DISEASE.

The following cases of infectious disease have been notified during the year:-

Measles	8 cases
Whooping Cough	3 cases
Scarlet Fever	1 case.

Cases of infections are admitted, when hospital treatment is necessary, to the Isolation Hospitals, at York, Scarborough or Bridlington.

TUBERCULOSIS.

No new cases of Tuberculosis were notified during the year.

At the end of 1950, cases on the Tuberculosis Register were as follows:-

Pulmonary Males	6
Non-Pulmonary Males	3
Pulmonary Females	6
Non-Pulmonary Females	3
	<hr/>
	18.
	<hr/>

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

- (a) Laboratory Facilities. Bacteriological Samples are examined at the Public Health Laboratories, situated in Northallerton and Hull.
Routine samples of water and milk are sent to the Laboratory at Hull for examination.
- (b) Ambulance Service. An ambulance stationed in Dalton is available for use in the District.
- (c) Nursing. A domiciliary nursing and midwifery service is available in the District, as part of the County Council's plans under the National Health Service Act.
- (d) Treatment Centres and Clinics. These are provided by the County Council. A Maternity and Child Welfare Clinic is held fortnightly in the Church House. An Ophthalmic Clinic is held monthly. Clinics for the treatment of Venereal Disease are situated in York and Scarborough.

(e) Hospitals.

General medical and surgical cases are admitted to Hospitals at Malton, Driffield; Scarborough and York.

Maternity cases go to the Westow Croft Nursing Home, Westow.

National Assistance Act, 1948.

It has not been necessary to take any action under Section 47 of this Act during the year.

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply.

The water supply is from a deep bore well situate in the District and is pumped to a reservoir. The water is treated by chlorination, and is distributed throughout the district. A bulk supply is also provided to the neighbouring town of Malton.

The water has been satisfactory in quality and quantity throughout the year.

Samples of water are submitted for bacteriological examination at regular intervals throughout the year.

Sewage Disposal.

A modern sewage disposal works serves the needs of the adjoining Districts of Norton and Malton.

The Council has a scheme in operation for the conversion of earth closets, privies and ashpits to the water carriage system. During the year 19 conversions took place.

ANNUAL REPORT

of the

SENIOR SANITARY INSPECTOR.

To: The Chairman and Members of
Norton Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit my first Annual Report. You will recall that I became your Surveyor, Sanitary Inspector and Water Engineer on 1.3.50, after a period of six months vacancy in the post.

The tables in the report will give an indication of the greatly varied aspects of the work involved and for the first six months of my appointment a great deal of over-time was necessary to ensure that the meat inspection at the two Bacon Factories was carried out, even allowing for this only roughly 10% of the total kill could be inspected. After reporting on the unsatisfactory state of meat inspection it was decided to employ an additional Sanitary Inspector, principally for meat inspection duties; this brought the percentage of meat inspected from roughly 10% to 90%, which in the circumstances and in view of the great numbers of animals slaughtered is considered satisfactory.

Another equally important improvement in the sanitary circumstances of the district is the need for converting pan closets and middens to the water carriage system and the scheme you had for these conversions under the Public Health Act had, of necessity, been allowed to lapse, but after a complete survey of the position an effort was made to recommence an intensive campaign and, whilst the results will not be shown in this report, it is considered that by autumn of next year the scheme will be completed.

TABLE 1.

INSPECTION WORK.

Total number of inspections	...	...	...	...	...	...	...	1,241
Total number of defects found	...	...	...	...	...	...	...	447.
Total number of defects remedied	...	...	...	...	...	...	...	317.
Total number of informal notices served	...	...	...	...	...	...	...	102.
Total number of informal notices complied with	...	...	...	...	...	...	...	97.
Total number of Statutory notices served	...	...	...	...	...	...	...	6.
Total number of Statutory notices complied with	...	...	...	...	...	...	...	6.

Details of inspections and re-inspections are set out in Table II.
Details of improvements made and defects remedied are given in Table III.

TABLE II.

						<u>Inspections.</u>	<u>Re-Inspections.</u>
<u>DWELLINGHOUSES.</u>							
Re filthy conditions	..	..	..	..		2	4
Re verminous conditions	..	..	..	..		1	3
Re other conditions	..	..	..	..		746	230
Tents, Vans and Sheds	..	..	..	..		3	4
Drains tested .. ..	..	..	..	..		152	-

INSPECTION OF.

Cowsheds	..	..	..	..	..	..	4	1
Dairy	..	..	..	..	..	..	10	6
Ice-cream premises	..	..	..	..	..	..	10	36
Slaughterhouses	..	..	..	..	..	..	2	29
Food preparing premises	..	..	..	..	..	..	9	15
Food Shops	..	..	..	..	..	..	22	40
Factories	..	..	..	..	..	..	12	30
Bakehouses	..	..	..	..	..	..	2	3
Shops re sanitary conditions	..	..	..	..	..	..	18	-
Premises re rats	..	..	..	..	..	..	18	-
Offensive Trades	..	..	..	..	..	..	3	4
Smoke observations	..	..	..	..	..	..	3	-
Other visits and interviews	..	..	..	..	..	..	37	-

TOTAL NUMBER OF DEFECTS FOUND.	.....	.....	.....	.....	.....	.....	447.
TOTAL NUMBER OF HOUSES AFFECTED.	.....	.....	.....	.....	.....	.....	313.
TOTAL NUMBER OF OTHER PREMISES.	.....	.....	.....	.....	.....	.....	44.

TABLE III.

SUMMARY OF NUISANCES ABATED AND IMPROVEMENTS EFFECTED.DWELLINGHOUSES.Internal.

Floors repaired and renewed	..	..	..	..	..	..	16.
Walls repaired or renewed	..	..	..	..	..	..	5.
Ceilings repaired or renewed	..	..	..	..	..	..	9.
Fireplaces repaired or renewed	..	..	..	..	..	..	5.
Windows repaired or renewed	..	..	..	..	..	..	14.
Doors repaired or renewed	..	..	..	..	..	..	3.
Sinks repaired or renewed	..	..	..	..	..	..	5.
Waste pipes repaired or renewed	..	..	..	..	..	..	9.
Water supplies repairs	..	..	..	..	..	..	23.
Damp conditions abated	..	..	..	..	..	..	18.

TABLE III - (Continued).

External.

Roofs repaired	15.
Rain water fall pipes	2.

TENTS, VANS, SHEDS, ETC.

Sites licenced	1.
Dwellings removed	1.

DRAINS.

Cleansed	44.
Repaired.	7.
Re-constructed	3.
New provided.	21.
Gullies provided.	2.

INSPECTION CHAMBERS.

Built	16.
Repaired or improved	1.

CESSPOOLS.

Emptied	2.
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WATER CLOSETS.

Provided for houses - additional	1.
Provided ex pail closets	15.
Fittings repaired or improved	16.

PRIVIE MIDDENS.

Converted to W.C.	4.
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PAIL CLOSETS.

Converted to W.C.	15.
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ASH PITS.

Dry - abolished	2.
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ASH BINS.

In substitution for ash pits	3.
Renewed for houses	36.

TABLE III - (continued).

OFFENSIVE TRADES.

Discontinued 1.

FACTORIES.

Sanitary accommodation..

Notice of indication fixed 2.

TOTAL DEFECTS REMEDIED	....	....	....	....	317
TOTAL HOUSES AFFECTED	....	....	....	....	102
TOTAL OTHER PREMISES AFFECTED	....	....	....	....	13

WATER SUPPLIES.

The supply is derived from a deep borehole well situate at Howe Hill and from tests carried out in the past, there would appear to be an unlimited supply..

WATER CONSUMPTION.

Total supplied for all purposes	....	....	79,262,000
Metered supplies to industrial			
and agricultural premises	....	....	<u>22,225,000</u>
Domestic supply			<u>57,037,000</u>

Taking Norton population as 4,700 (Registrar-General's estimate 4,680) this gives:-

Consumption per head per day -

All purposes	....	....	....	46.2 gallons
Domestic purposes	....	....	....	33.3 gallons

Bulk supply to Malton U.D.C. during the same period - 98,222,000 gallons.

CHEMICAL ANALYSIS. (18.8.50).

Physical examination.

Colour	-	Colourless.
Appearance	-	Clear.
Taste	-	Normal.
Smell	-	None.

General.

pH - 7.4.

WATER SUPPLIES - CHEMICAL ANALYSIS (continued).

<u>Mineral</u>		<u>Hardness (Soap test)</u>	
Calcium	- 110 pts per million.	Temporary	- 205 pts per million.
Magnesium	- 8 pts per million.	Permanent	- 73 pts per million.
Sodium	- 14 pts per million.	Total solids	- 399 pts per million.
Carbonate	- 141 pts per million.		
Chloride	- 21 pts per million.		
Sulphate	- 66 pts per million.		
Nitrate	- 79 pts per million.		
Iron	- Nil.		

Judging from the above results, I am of the opinion that the water is suitable for drinking purposes.

Signed. "D. J. T. Bagnall"
Public Analyst.

WATER SAMPLES.

Bacteriological (between 12.6.50. and 31.12.50.)

Raw Water.

Samples taken -. 5. Satisfactory - 2. Unsatisfactory - 3.

Treated Water.

Samples taken - 51. Satisfactory - 36. Unsatisfactory - 15.

Swimming Baths.

Samples taken - 8. Satisfactory - 3. Unsatisfactory - 5.

The water supply in the area has been satisfactory in quality, and generally, in quantity, one or two premises on the outskirts of the town having an inadequate supply at times.

All water is chlorinated but occasionally through breakdown of plant some bad samples have resulted.

242 houses are still taking water from standpipes - 5 having had water taken by pipe into the house during the year.

DRAINAGE AND SEWERAGE.

During the year no major works or alterations have been carried out apart from the closet conversion scheme.

Statutory Notices were served on the owners of 6 premises whose drainage discharged directly to watercourses; these have been altered to drain into a main sewer.

During the year 19 water closets were provided. 3 voluntarily by the owners and 16 by service of Notice.

There are in the district 24 privies and 139 pan closets.

PUBLIC CLEANSING.

A weekly collection of refuse is maintained by the Council. 36 dustbins have been renewed for houses.

Every effort is made to keep the tip as controlled as possible but shortage of suitable covering material and mechanical aid makes this very difficult. The tip is treated regularly to keep down rats and insects.

HOUSING.

HOUSING ACT, 1936.

Section 11.

Action taken under this section in respect of one house when the owner undertook to make the house unsuitable for occupation by walling up windows and taking out internal fittings.

CLEARANCE AREAS.

No orders were made or submitted during the year.

INSPECTION OF DWELLINGHOUSES UNDER HOUSING AND PUBLIC HEALTH ACT, 1936.

No. of inspections and re-inspections made	- 986
No. of informal notices served	- 26.
No. of Statutory notices served	- None.
No. of defects remedied by owners after verbal warning	- 226.

NEW HOUSES.

Built by private owners	- Nil.
Built by Council.	- 46.

INSPECTION AND SUPERVISION OF FOOD SUPPLIES.

From 1st March, 1950 until 6th November, 1950 meat inspection was carried out mainly in after duty hours and consequently only a small percentage of the total kill at the two Bacon Factories could be inspected (Roughly 10%). The routine inspection for tuberculosis was carried out by the slaughter men employed by the factories, who incised the necessary glands and placed any affected carcasses on separate rails to clear carcasses. This system did not take into account other diseases such as swine fever, septicaemia, jaundice and any other septic conditions, consequently numerous complaints were received from the Receiving Centres that carcasses, and particularly heads affected with tuberculosis were being received. After reporting fully to the Council, it was decided to employ an Additional Sanitary Inspector, principally for meat inspection duties. Mr. C. A. Dook took up his duties on the 6th November, 1950, and since that time full inspection of all heads has been carried out and over 90% inspection of the full kill is carried out, which in the circumstances is considered very satisfactory. The weekly Kill of the two factories is in the region of 3,000 pigs.

SUMMARY OF MEAT INSPECTION.

Factory.	Total Killed	Total Inspected.	Condemned.
Yorkshire Farmers Bacon Factory.	102,212	27,188	Carcases 440. Pork. 194,442 lbs. Offal. 98,300 lbs.
Bowers Bacon Factory.	2,962	2,962	Carcases 10. Pork 5,305 lbs. Offal. 602 lbs.

CARCASSES AND ALL ORGANS CONDEMNED AS TOTALLY UNFIT FOR HUMAN CONSUMPTION.

Factory.	T. R.	Accident.	Inflam- matory Disease	Bacterial Disease	Other Disease.
Yorkshire Farmers Bacon Factory.	317	45	38	33	7
Bowers Bacon Factory	6	-	2	1	1

OTHER FOOD CONDEMNED.

60 lbs frozen rabbit.

17½ lbs home killed beef. - bone taint.

FOOD SHOPS.

62 visits of inspection were made to shops where food is stored or sold.

In addition, 18 visits were made in respect of the provisions of the Shops Acts. These provisions include heating, lighting, ventilation, sanitary accommodation and facilities for taking meals.

ICE-CREAM.

46 visits were made to ice-cream premises during the year. There are no ice-cream manufacturing premises in the town, but 11 premises are registered for the storage and sale of ice-cream, of these 7 are licenced only to sell ice-cream in containers or wrappings as received from the manufacturer.

Ice-cream 23.6.50. to 31.12.50.

Samples taken	.....	16.
<u>Methylene Blue Test.</u>		
Provisional Grade 1.	.....	8.
Provisional Grade 2.	.....	2.
Provisional Grade 3.	.....	1.
Provisional Grade 4.	.....	5.

Owing to the numerous factors governing the hygienic quality of ice-cream and to the experimental error of the laboratory test itself, it is unwise to pay too much attention to the bacteriological results on any given sample. Judgment should be based rather on a series of samples. It is suggested that over a six-monthly period, 50 per cent of a vendor's samples should fall into Grade 1, 80 per cent. into Grades 1 or 2, not more than 20 per cent. into Grade 3, and none into Grade 4.

Notification of bad samples are sent to the Authority in charge of the area of manufacture, for necessary inspection of premises and action.

MILK SUPPLIES.

On the coming into force of the Milk and Dairies Regulations, 1949, the function of licencing dairy farmers and dairy farms came under the Ministry of Agriculture and Fisheries and the Council retained the function of registering milk distributors (i.e. persons trading from premises other than a dairy farm) and other dairy premises.

Regular sampling of milk is carried out.

Milk 23.6.50. to 31.12.50.

Methylene Blue Test.

Pasteurised.

Samples Taken - 11.	Satisfactory - 11.	Unsatisfactory - Nil.
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Ungraded.

Samples Taken - 14.	Satisfactory - 12.	Unsatisfactory - 2.
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Tuberculin Tested.

Samples Taken - 6.	Satisfactory - 6.	Unsatisfactory - Nil.
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MILK.

Biological Tests.

Samples Taken - 3.	Results. Negative - 3.
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The following licences were in operation during the year.

3 dealers licenced to sell Tuberculin Tested Milk.

3 dealers licenced to sell Pasteurised and Sterilized Milk.

Apart from these dairies registered by the Council, the following are licenced by the Ministry of Agriculture and Fisheries as Wholesaler, Producer and/or Retailer.

Byass, H., Norton Lodge Farm	W.
Corney, T. W., Bark Knotts, Welham Road	P.R.
Cousins, J. R., Villa Farm, Scarborough Road.	P.R.
Duggleby, A. W., Norton Grove Farm.	W.
Gibson, Major A.C., Welham Farm.	W.
Holmes, C. R., 77 Commercial Street	W.P.R.
Legard, Mrs. G. K., Leat House.	W.
Milner, J. S., Welham Wold Farm.	W.
Thompson, J. W., (Thompson Spaven, Ltd.)	W.
Wood, B., Portobello Farm, Welham.	W.
Wray, M. S., Quarry Farm.	W.
Denney, J. E., Model Farm.	P.R.
Searlo, C., 39, Wood Street.	P.R.

RODENT CONTROL.

Routine treatments are carried out every three months on the Council tip and in sections of the sewers. The town is surprisingly clear of rats, no major infestations being found. The treatments given on the tip show good results.

The method of extermination is that recommended by the Rodent Division of the Ministry of Agriculture and Fisheries, i.e. at least two days pro-baiting with unpoisoned bait and subsequent baiting using either arsenic or zinc phosphide as a poison.

It is hoped to commence salvage collection in the new year and this will help to keep the tip tidy from paper and cartons, etc. (which act as harbourage and food for rats), as well as being a welcome source of revenue.

In conclusion, I wish to express to you, Mr. Chairman, and to Members of the Committee, my appreciation of the interest you have shown throughout the year in the work and problems of the department. I am also indebted to all members of the staff for the way in which they have carried out their duties, often under difficult circumstances.

I am,
Mr. Chairman, Ladies and Gentlemen,
Your obedient Servant,

P. A. MULLANY

Senior Sanitary Inspector.

